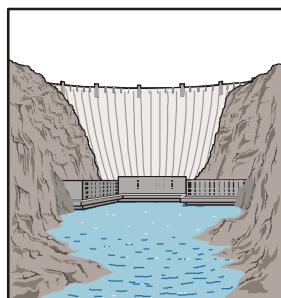
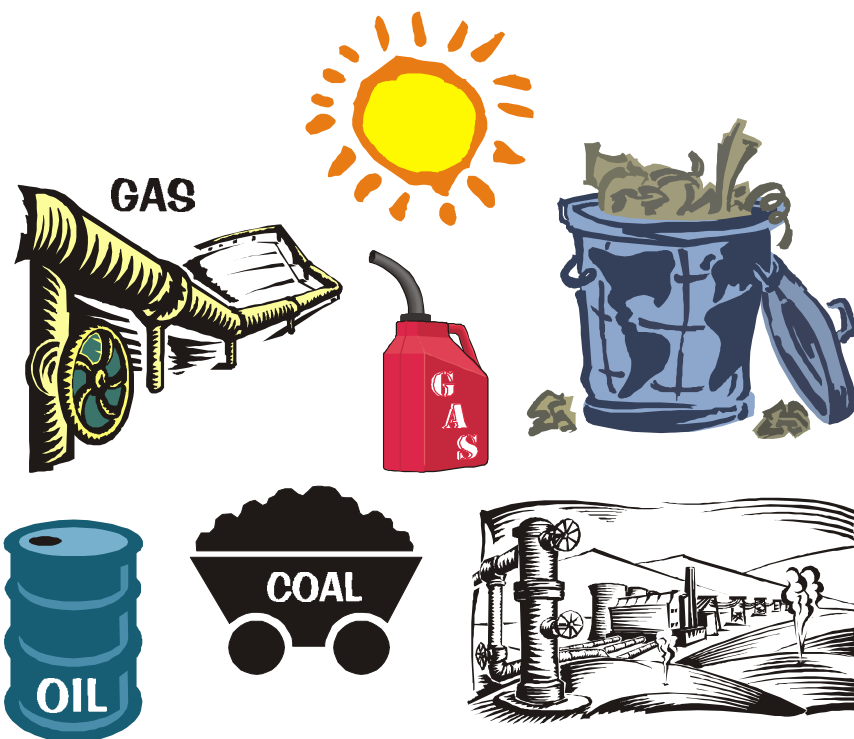


Energy is the ability to do work. There are two types of energy:



1. Working Energy



2. Stored Energy

Stored energy becomes working energy when we use it.



**You eat
food for
energy.**



**Then your
body stores
the energy
until you
need it.**



**When you
work and play
your stored
energy
becomes
working
energy.**

We Use Working Energy To ...



Warm and cool our homes

Clean and dry our clothes



Light our rooms



Bring water to our faucets, showers, and baths

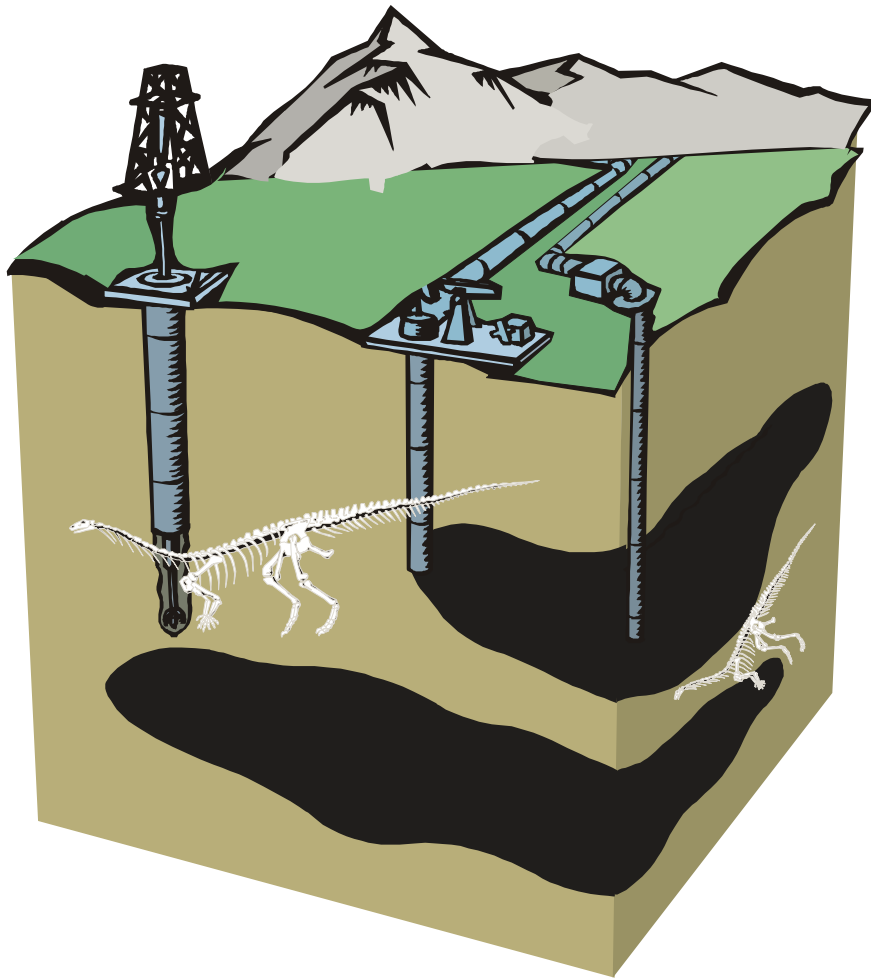


Heat our water to make macaroni and cheese



Surf the Internet

This working energy is usually made from stored energy contained in fossil fuels like coal, natural gas, and oil.



- ✓ Fossil fuels are formed over millions of years from the remains of dead animals and plants trapped between layers of earth and rock.
- ✓ The only way to get fossil fuels out is to drill or mine for them.
- ✓ While fossil fuels are still being created today by underground heat and pressure; they are being consumed more rapidly than they are created.
- ✓ For this reason, fossil fuels are called nonrenewable fuels.

The picture below shows how stored energy contained in fossil fuels is converted into working energy in the form of electricity.

